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ABSTRACT OF THE DISCLOSURE

A paper cleaning apparatus employs a paper buffing roll which has a lightweight hollow cylindrical core mounted between stub shafts. The stub shafts are mounted to bearings and the hollow core is arranged to be driven at approximately 3,450 to approximately 5 4,450 RPM. The surface of the cylindrical core is given a rough surface over which a wool cloth jacket is placed. The cloth sleeve is clamped in place by retaining end caps which fit over the stub shafts and clamp the sleeve against the ends of the hollow cylindrical core. The cloth sleeve is shrunk onto the surface of the cylindrical core with hot water or steam. The cloth sleeve is frayed to form a soft outer surface, with radially 10 extending fibers.